U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FORM PTO-1449

LIST OF PRIOR ART CITED BY APPLICANT

Sheet	1	of	_2

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ATTY. DOCKET: 16955DIVCONCIPCON(AP)	SERIAL NO.: N/A	06/16/97
APPLICANT: Woodward et al	i i	ENTANE HEPTANOIC ACID, 2- /LALKYL DERIVATIVES AS /S
FILING DATE: Submitted herewith	GROUP:	1

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE (if applicable)
Mo	AA	4,171,331	10/1979	Biddlecom et al	*		
MN	AB	4,994,274	2/1991	Chan et al)	
Mo	AD	5,034,413	7/1991	Chan et al	,	(
ins	AE	4,599,353	7/1986	Bito	,)	
Mo	AF	4,055,602	10/1977	Nelson)	
Mo	AG	4,183,870	1/1980	Caton et al			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (yes/no)
M	AH	92/08465	5/1992	WO	-	~	
Mo	AI	90/02553	3/1990	WO		_	
170	AJ	0 253 094	1/1988	EP			
no	AK	0 453 127	10/1991	EP		_	
/ Vg o	AL	2 386 523	11/1978	FR			
110	AM	2 312 240	12/1976	FR			
130	AN	27 21 534	12/1977	DE			
/no	AO	0 364 417	1/1989	EP			
MU	AP	0 102 230	7/1984	EP		_	
Mo	AQ	0 093 380	11/1983	EP			
170	AR	2 402 644	3/1979	FR			
ne	AS	68 940	2/1974	LU			

OTHER PRIOR ART

(Including Author, Title, Date, Pertinent Pages, etc.)

AT Prostaglandins: Vol. 13, No. 5, May 1977, Stoneham, MA, pages 837-843, H.C.
Arndt, "The Synthesis and Biological Activity of Prostaglandins Analogs
Containing Spiroocyclic Rings"

AU Tetrahedron: Vo. 32, 1976, Oxford GB, pages 2747-2752, P. De Clercqet al,
"Cyclopentanones-XV1,. Prostaglandin Synthesis Involving Catalytic
Hydrogenation of 2,3-Dialkyl-4-Hydroxy-2-Cyclopentenones"

EXAMINER DATE CONSIDERED FL 98

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FORM PTO-1449

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LIST OF PRIOR ART CITED BY APPLICANT

ATTY. DOCKET: 16955DIVCONCIPCON(AP)	SERIAL NO.: N/A
APPLICANT: Woodward et al	NON-ACIDIC CYCLOPENTANE HEPTANOIC ACID, 2- CYCLOALKYL OR ARYLALKYL DERIVATIVES AS THERAPEUTIC AGENTS
FILING DATE: Submitted herewith	GROUP: n/a

U.S. PATENT DOCUMENTS

*EXAMINER MITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE (if applicable)
170	AA	5,352,708	10/4/1994	WOODWARD ET AL]	1	
140	AB	5,510,383	4/23/1996	BISHOP ET AL			
Mo	AC	5,545,665	8/13/1996	BURK			
Mo	AD	5,587,391	12/24/1996	BURK		(
1000	AE	5,607,978	3/4/97	WOODWARD ET AL	. —	(

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (yes/no)
ı	AH						

OTHER PRIOR ART

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1/20	AV	Derwent Pub. Lts. London GB AN 71-572225 & JP A, 46 030 830, Ono Pharmaceutical Co.
100	 	
	AW	Bito, L.Z.,"Prostaglandins and Related Compounds as Potential Ocular
d x.		Therapeutic Agents", Biological Protection with Prostaglandins (Cohen, M.M.,
YVIO		ed., Boc Raton, FL, CRC Press Inc., 1985, pp. 231-252
Λ.	AX	Bito, L.Z., "Prostaglandins, Old Concepts and New Perspectives, "Arch Oph.,
M		Vol. 105, August 1987 pg. 1036-1039
1h2	AY	Starr, M.S., "Further Studies on the Effect of Prostaglandin on Intraocular
1/10		Pressure in the Rabbit", Exp. Eye Res., (1971) 170-177
1,	AZ	Nilsson, Siv F.E., et al, "PGF2a Increases Uveoscleral Outflow", ARVO
1/1/2		Abstract, page 284, Invest. Ophthalmol. Vis. Sci. 28 (suppl) (1987)
	A1	Bito, L.Z.,"Prostaglandins, Other Eicosanoids, and Their Derivatives as
\		Potential Antiglaucoma Agents", Applied Pharmacology in the Medical
""		Treatment of Glaucoma", pages 477-505, 1984.
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	A3	·

EXAMINER

DATE CONSIDERED

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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.